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PTO/SB/17 (12-04-2)
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NAME: Armando Ching SIGNATURE: *Armando Ching*
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Effective on 12/08/2004.

Consistent with the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

APR 01 2005 & For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 800.00)

Complete If Known

Application Number	10/962,050
Filing Date	10/08/2004
First Named Inventor	Satoshi Seo et al.
Examiner Name	
Art Unit	2879
Attorney Docket No.	0553-0352.01

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 50/1039 Deposit Account Name: Cook, Alex, McFarron, Manzo, Cummings & Heller, Ltd.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments

under 37 CFR 1.16 and 1.17

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FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	50.00 DA	200	100	300	150	160	80
Reissue	200.00 DA	300	150	500	250	600	300
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Small Entity	Fee (\$)
25-1=24	- 20 or HP = 4	x 50.00	= 200.00	50	25
				200	100
				360	180
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)
7-1=6	- 3 or HP = 3	x 200.00	= 600.00		

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)

7-1=6 - 3 or HP = 3 x 200.00 = 600.00

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)

100 - 100 = / 50 = (round up to a whole number) x _____ = _____

Fee Paid (\$)

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): _____

SUBMITTED BY

Signature	<i>Stephen B. Heller</i>	Registration No. (Attorney/Agent) 30,181	Telephone 312-236-8500
Name (Print/Type)	Stephen B. Heller		Date 04/01/2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT APPLICATION FEE DETERMINATION RECORD
Substitute for Form PTO-875

Application or Docket Number
10/962 050

CLAIMS AS FILED – PART I

FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a))		
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 =	•
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 3 =	•
MULTIPLE DEPENDENT CLAIM PRESENT		(37 CFR 1.16(d))

- If the difference in column 1 is less than zero, enter "0" in column 2.

SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
RATE	FEES		RATE	FEES
	\$395	OR		\$790.00
x \$.25 =		OR	x \$.50 =	
x \$ 1.00		OR	x \$ 2.00	
+ \$ 1.80		OR	+ \$ 3.60	
TOTAL		OR	TOTAL	

CLAIMS AS AMENDED – PART II

AMENDMENT A	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(c))	Minus	" 20	= 5
Independent (37 CFR 1.16(b))	7	Minus	*** 3	= 4

21, 24, 29, 32, 37, 40, 43

SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
x \$ 35 =		OR	x \$ 50 =	250 '00
x \$ 100 =		OR	x \$ 200 =	800 '00
+ \$ 180 =		OR	+ \$ 360 =	
TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	1050 '00

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(c))	Minus	** =
	Independent (37 CFR 1.16(d))	Minus	*** =

RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
x \$ 25 =		x \$ 50 =	
x \$ 100		x \$ 200	
+ \$ 180		+ \$ 360	
TOTAL ADD'L FEE		TOTAL ADD'L FEE	

	(Column 1)		(Column 2)	(Column 3)
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(d))	*	Minus	**
	Independent (37 CFR 1.16(b))	*	Minus	***

RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
X \$ <u>25</u> =		X \$ <u>50</u> =	
X \$ <u>100</u>		X \$ <u>200</u>	
+ \$ <u>180</u>		+ \$ <u>360</u>	
TOTAL ADD'L FEE		TOTAL ADD'L FEE	
OR		OR	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

**** If the "Highest Number Previously Paid For" IN THIS SPACE Is less than 20, enter "20".**

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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